

What is claimed is:

1. [Currently amended]

A method of building a native XML object database, comprising steps of: creating dynamic API to manipulate structured data tables; creating one native XML file to store each row of said structured data tables.

2. [Currently amended]

The method according to claim 1, wherein the API creating step further comprises the step of creating a pair of dynamic accessor and mutator for each column of said data table.

3. [Currently amended]

The method according to claim 1, wherein the XML file creating step further comprises the step of creating files and directories that map the relationships of data tables.

4. [Currently amended]

A system for building a native XML object database, comprising means for: creating dynamic API to manipulate structured data tables; creating one native XML file to store each row of said structured data tables.

5. [Currently amended]

The system according to claim 4, wherein the means for creating API further comprises means for creating a pair of dynamic accessor and mutator for each column of said data table.

6. [Currently amended]

The system according to claim 4 further comprises means for creating files and directories that map the relationships of data tables.

7. [Currently amended]

A computer program product for building a native XML object database, the computer program product embodied on one or more computer-readable media and comprising computer-readable program code means for: creating dynamic API to manipulate structured data tables; creating one native XML file to store each row of said structured data tables.

8. [Currently amended]

The computer program product according to claim 7, wherein the means for creating API further comprises means for creating a pair of dynamic accessor and mutator for each column of said data table.

9. [Currently amended]

The computer program product according to claim 7 further comprises means for creating files and directories that map the relationships of data tables.

10. [Withdrawn]

The system according to claim 9, further comprising means for encrypting selected data fields in said native XML files.

11. [Withdrawn]

The system according to claim 9, further comprising means for delivering data access control to each instance of data.

12. [Withdrawn]

The system according to claim 9, further comprising means for minimizing damages of data corruption to instances of data.

13. [Withdrawn]

The system according to claim 9, further comprising means for minimizing database memory usage.

14. [Withdrawn]

The system according to claim 9, further comprising means for speeding up database operations.

15. [Withdrawn – currently amended as Claim 7]

A computer program product for building a native XML object database, the computer program product embodied on one or more computer-readable media and comprising computer-readable program code means for representing structured data in native XML files.

16. [Withdrawn – currently amended as Claim 8]

The computer program product according to claim 15, further comprising computer-readable program code means for mapping object-oriented design to dynamically generated Java API.

17. [Withdrawn]

The computer program product according to claim 16, further comprising computer-readable program code means for: generating constructors for building database handlers given file paths in said file system; generating getters and setters for data fields.

18. [Withdrawn]

The computer program product according to claim 15, further comprising computer-readable program code means for: creating/updating/deleting identity of said data in said XML files; creating/updating/deleting values or list of values of said data in said XML files; creating/updating/deleting references or list of references to other values under said structure.